

Converting Colors

CIELCh(85, 10.490, 109.272)

Have a look what the booklet for
CIELCh(85, 10.490, 109.272)
contains.

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Color

CIELCh(85, 10.463, 109.275)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6C2
RGB	214, 214, 194
RGB Percent	84%, 84%, 76%
CMY	0.1623, 0.1623, 0.2407
CMYK	0.00, 0.00, 0.09, 0.16
HSL	60°, 19%, 80%
HSV	60°, 9%, 84%
XYZ	61.2563, 66.0070, 60.3222
YIQ	211.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

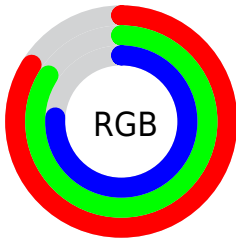
Format	Color
RYB	194, 214, 194
Decimal	14079682
CIELab	85.00, -3.45, 9.88
CIELCh	85, 10.463, 109.275
Yxy	66.0070, 0.3266, 0.3519
Android (android.graphics.Color)	4292269762 (0xFFD6D6C2)
YUV	211.7200, -8.7360, 1.9996
Hunter-Lab	81.2447, -7.5941, 12.8500

Details

The CIELCh color **85, 10.463, 109.275** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 10.697, 291.157**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **65, 10.500, 109.048** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.586, 108.317**, and if you desaturate by 10%, it is **86, 0.726, 290.342**.

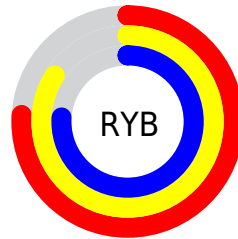
Distribution



Red (84%)

Green (84%)

Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

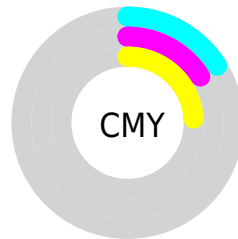


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.463, 109.275 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 10.463, 109.275 by changing the saturation by 10% instead.


 85, 10.463,
109.275


 85, 10.463,
109.275


 100, 10.463,
109.275


 75, 10.463,
109.275

 65, 10.463,
109.275

 55, 10.463,
109.275

 45, 10.463,
109.275

 35, 10.463,
109.275

 25, 10.463,
109.275

 15, 10.463,

109.275

■ 5, 10.463, 109.275

■ 0, 10.463, 109.275

■ 85, 10.463,
109.275

■ 85, 10.463,
109.275

■ 85, 21.586,
108.317

■ 86, 0.726, 290.342

■ 84, 32.559,
107.351

■ 86, 11.934,
291.191

■ 84, 43.260,
106.407

■ 87, 21.715,
291.983

■ 84, 53.499,
105.509

■ 87, 21.715,
291.988

■ 83, 62.984,

■ 87, 21.715,
291.992

104.687

87, 21.715,
291.997

83, 71.302,
103.980

87, 21.715,
292.002

83, 77.932,
103.426

87, 21.715,
292.007

83, 82.384,
103.062

87, 21.715,
292.011

83, 84.665,
102.878

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 10.463, 109.275



79, 10.697, 291.157

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 10.463, 109.275



85, 10.463, 159.275



85, 10.463, 289.275



85, 10.463, 339.275

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 10.465, 109.284



100, 3.868, 109.879



80, 7.486, 19.924



53, 2.934, 109.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 10.465, 109.284



99, 14.193, 109.115



84, 11.154, 128.666



45, 6.359, 109.278



68, 71.786, 102.868



17, 25.020, 104.509

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79, 10.697, 291.157



91, 14.561, 291.353



80, 11.307, 309.476



41, 6.500, 291.163



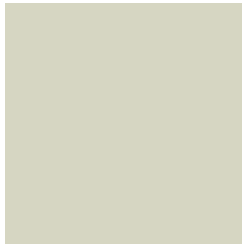
20, 99.122, 306.288



2, 27.577, 294.048

Previews

White Background



This preview shows how the CIELCh color 85, 10.463, 109.275 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 10.463, 109.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

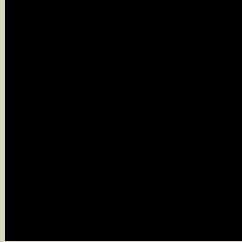
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

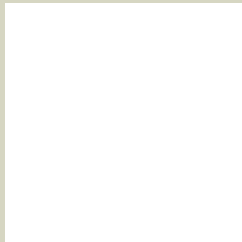
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.463, 109.275

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.463, 109.275.



This preview shows how white text looks on a background with the CIELCh color 85, 10.463, 109.275.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
85, 10.463, 109.275

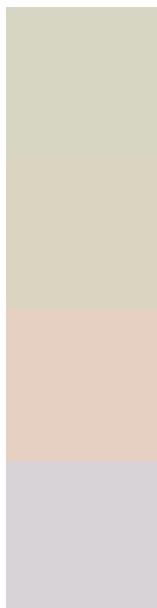
Protanopia
85, 10.636, 88.521

Deuteranopia
85, 13.991, 42.125



Tritanopia
85, 9.053, 311.506

Trichromacy



Original Color
85, 10.463, 109.275

Protanomaly
85, 10.192, 96.529

Deuteranomaly
85, 11.116, 60.965

Tritanomaly
85, 2.419, 338.641

Monochromacy



Original Color
85, 10.463, 109.275

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.666, 109.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.463, 109.275 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.463, 109.275 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 214, 194) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 214, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.463, 109.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
214, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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